

CLAIMS

WHAT IS CLAIMED IS:

1. A vehicle heads-up display system comprising:
a source for providing a heads-up display onto a windshield of a
5 vehicle; and
an arrangement for increasing the contrast of a heads-up display on
the windshield compared to the background of the display on the windshield.
2. A heads-up display as recited in Claim 1, wherein the contrast is
10 provided by tinting the windshield, at least in the area where the heads-up display
is directed, and selecting the color of the heads-up display to be in contrast with the
tint color.
3. A heads-up display as recited in Claim 2, wherein the tint and the
15 color of the heads-up display are selected such that the tint is generally formed of
at least one primary color that is not found in the color of the heads-up display.
4. A heads-up display as recited in Claim 3, wherein the tint is only
provided in a small area where the display is directed.
- 20 *Sub* 5. A heads-up display as recited in Claim 1, wherein the contrast is
ai provided by capturing an image of the environment approaching the vehicle and
controlling the heads-up display to contrast with the approaching image.

6. A heads-up display as recited in Claim 5, wherein a control selects an appropriate heads-up display dependent upon said captured image.

Sub #1

5 7. A heads-up display as recited in Claim 6, wherein the control selects an appropriate pattern for the heads-up display dependent upon said captured image.

8. A heads-up display as recited in Claim 6, wherein the control selects an appropriate color for the heads-up display dependent upon said captured image.

10

Sub 9.

~~9. A heads-up display as recited in Claim 1, wherein an area on the windshield is provided with a surface treatment, a light being directed onto said area to provide a glow and said heads-up display being directed onto said area.~~

10. A method of providing a heads-up display comprising the steps of:

(a) providing a system for directing a heads-up display onto the vehicle windshield;

(b) directing a heads-up display onto the vehicle windshield; and

5 (c) modifying one of said windshield and said heads-up display to provide greater contrast between said heads-up display and an image beyond said windshield.

10 11. A method as recited in Claim 10, wherein step (c) includes the step of providing a tint on the windshield, and selecting the heads-up display to be of a color with is in contrast to the tint color.

15 Sub a3 12. A method as recited in Claim 10, wherein an image of the environment approaching the vehicle is captured, and said heads-up display is selected to be in contrast to the captured image.

13. A method as recited in Claim 10, wherein a portion of said windshield is surface treated, and light is directed onto said portion to provide a back glow, and said heads-up display being directed onto said portion.

5

Sub
a4

10

Add
B4

Add
D3